

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/079037 A1

(51) International Patent Classification⁷: **H04L 29/06**

(74) Agents: AKERMAN, Marten et al.; Albihs Malmö AB,
P.O. Box 4289, S-203 14 Malmö (SE).

(21) International Application Number:

PCT/EP2005/050547

(22) International Filing Date: 8 February 2005 (08.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

04445010.4 11 February 2004 (11.02.2004) EP
60/545,833 19 February 2004 (19.02.2004) US

(71) Applicant (for all designated States except US): SONY
ERICSSON MOBILE COMMUNICATIONS AB
[SE/SE]; S-221 88 Lund (SE).

(72) Inventors; and

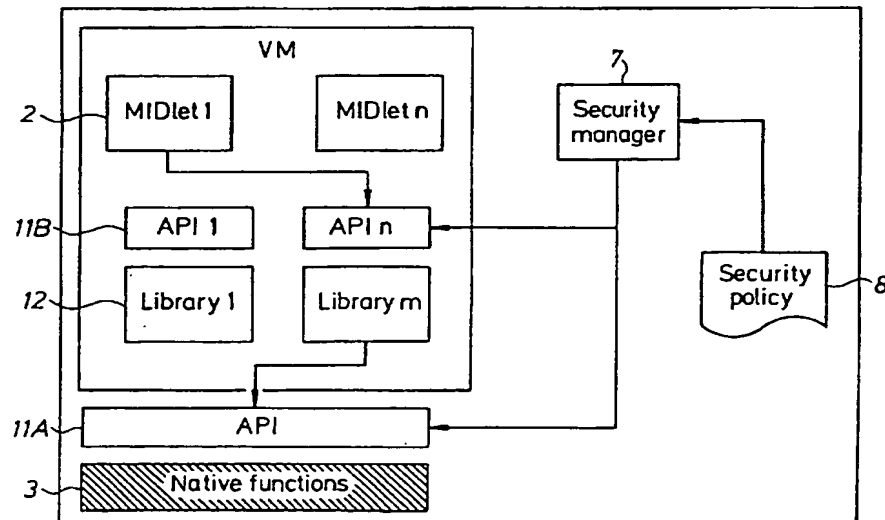
(75) Inventors/Applicants (for US only): ANDERSSON, Ste-
fan [SE/SE]; Koltrastgrand 23, S-230 41 Klagerup (SE).
ARONSSON, Par-Anders [SE/SE]; Homvagen 24, S-230
43 Klagshamn (SE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR PROVIDING DYNAMIC SECURITY MANAGEMENT



(57) Abstract: The invention relates to a method for providing dynamic security management in an apparatus, especially a mobile telephone terminal. The apparatus comprises: a platform for running an application (2); a security manager (7) for handling access of the application to functions (3) existing in the apparatus; an application interface (API) between the platform and the application; a set of access permissions stored in the apparatus and used by the security manager for controlling access of the application to functions through the application interface. The method comprises the steps of: downloading into the apparatus an object containing access permissions applicable to at least one function; verifying the object; and installing the access permissions together with the existing permissions.



Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.